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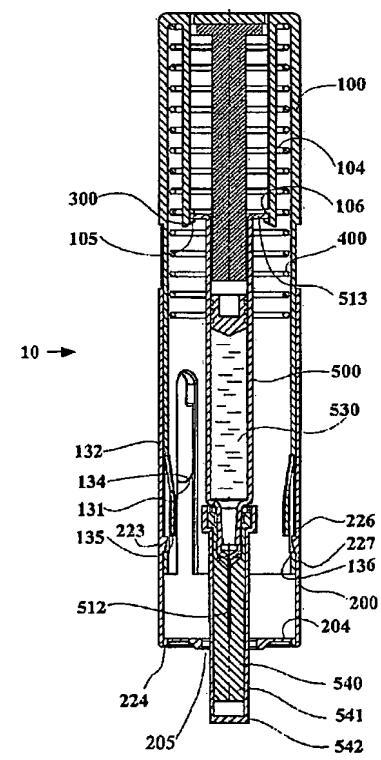
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(54) Title: INJECTING APPARATUS



(57) Abstract: An injector is automatic in that the needle is inserted into the injection site (e.g., a patient's skin) with user or caregiver assistance, the delivery is automatically initiated upon needle insertion, and the needle is retracted automatically after the end of delivery. Preferably the needle is not seen by the user prior to, during or after injection. Prior to and after injection, the needle is hidden in the device so as to avoid any potential injury or health risk to the user or health care provider. The injector (10) includes a housing (100) and a shield (200) arranged to slide relative to the housing and a driver (300) moving during drug delivery. The housing (100) and shield (200) form a cartridge enclosure. The cartridge (500) is shielded and locked after delivery is completed. A needle-locking mechanism can be used in any number of pen-like injectors or safety needles.

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